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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/797,010	03/11/2004	Shigeru Inoue	107439-00108	3893

7590 05/26/2006

ARENT FOX KINTNER PLOTKIN & KAHN, PLLC
Suite 400
1050 Connecticut Avenue, N.W.
Washington, DC 20036-5339

EXAMINER

VANAMAN, FRANK BENNETT

ART UNIT	PAPER NUMBER
3618	

DATE MAILED: 05/26/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary	Application No. 10/797,010	Applicant(s) INOUE, SHIGERU	
	Examiner Frank Vanaman	Art Unit 3618	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 17 March 2006.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-26 is/are pending in the application.
- 4a) Of the above claim(s) 12-26 is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-11 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some * c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date <u>3/11/04</u> . | 6) <input type="checkbox"/> Other: _____ |

Election/Restriction

1. Applicant's election without traverse of invention I (claims 1-11) in the reply filed on March 17, 2006 is acknowledged.

Claims 12-26 are withdrawn from consideration as being directed to a non-elected invention. An office action on claims 1-11 follows.

Claim Rejections - 35 USC § 112

2. Claims 1-11 are rejected under 35 U.S.C. 112, first paragraph, as failing to comply with the written description requirement. The claim(s) contains subject matter which was not described in the specification in such a way as to reasonably convey to one skilled in the relevant art that the inventor(s), at the time the application was filed, had possession of the claimed invention. In claim 1, lines 8-14, the recitation sets forth a speed adjusting device which adjusts a vehicle speed to achieve a target speed independently of the operation of accelerator or brake pedals, and then further recites a target speed changing device which adjusts the target speed dependent upon the operation of the accelerator or brake pedal. The specification at page 3, line 19 through page 4, line 1 reiterates this condition in a summary statement having no greater detail than the claim recitation. The specification (see pages 20-22, for example) does not appear to further describe how such a function is carried out, inasmuch as the pedal controls do adjust the target speed, and the target speed is considered by the vehicle speed adjusting device (e.g., step S04), as such it appears as though the operation of the vehicle speed adjusting device is not independent of the operation of the pedal elements.

3. Claims 1-11 are rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention. In claim 1, lines 8-14, the recitation of the vehicle speed adjusting device operating independently of the control pedals, controlling a vehicle speed in accordance with a target value, and the selection of a target value based on operation of the pedals appears contradictory, inasmuch as the pedals are used to adjust the target, which is used by the speed adjusting device; in claim 2, lines

2-3, it is not entirely clear whether or not the setting device further limits the operation of the changing device recited in claim 1, lines 12-14, in claim 6, lines 2-3, the recitation of a deceleration intention detecting device being used to determine an increase in target speed appears contradictory.

4. As regards claims currently rejected under 35 USC §112, second paragraph, please note that rejections under 35 USC §102 and 103 should not be based upon considerable speculation as to the meaning of the terms employed and assumptions as to the scope of the claims when the claims are not definite. See *In re Steele* 305 F.2d 859, 862, 134 USPQ 292, 295 (CCPA 1962). When no reasonably definite meaning can be ascribed to certain terms in a claim, the subject matter does not become anticipated or obvious, but rather the claim becomes indefinite. See *In re Wilson* 424 F.2d 1382, 1385, 165 USPQ 494, 496 (CCPA 1970). As such the currently pending claims may be subject to prior art rejections not set forth herein upon the clarification of the claim language.

Claims not Rejected over the Prior Art

5. Claims 1-11 are not rejected as being unpatentable over or anticipated by the prior art, however they are not in condition for allowance at this time.

6. Claims 12-26 remain withdrawn from consideration.

7. The prior art, as best understood, fails to teach a speed adjusting device which adjusts a vehicle speed to achieve a target speed, apparently simultaneously independently of- and dependent upon- the operation of an accelerator or brake pedal, as currently claimed.

Conclusion

8. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. *Stoner et al.* (US 3,172,497), *Mimura et al.* (US 4,967,357), *Yamamoto* (US 5,107,948), *Lang* (US 5,125,485), *Kerns* (US 6,078,860), *Teramura et al.* (US 6,226,588), *Hedström* (US 6,282,482), *Artis et al.* (US 7,000,722), *Yone* (US

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7,022,045) and Ritter et al. (US 2004/0259687) teach speed control devices of pertinence.

9. Any inquiry specifically concerning this communication or earlier communications from the examiner should be directed to F. Vanaman whose telephone number is 571-272-6701.

Any inquiries of a general nature or relating to the status of this application may be made through either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

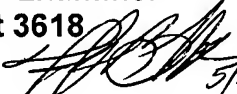
A response to this action should be mailed to:

Mail Stop _____
Commissioner for Patents
P. O. Box 1450
Alexandria, VA 22313-1450,

Or faxed to:

PTO Central Fax: 571-273-8300

F. VANAMAN
Primary Examiner
Art Unit 3618



5/24/06